

20091101.ba v04_n294.bam.20091101

>From ???@??? Sun Nov 1 01:01:50 2009 -0600
Date: Sun, 1 Nov 2009 00:00:04 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4294
Message-Id: <20091101060006.9D980D58C7@srvr1.theporch.com>

BOATANCHORS Digest 4294

Topics covered in this issue include:

- 1) Re: HQ
by john <johnmb@nc.rr.com>
- 2) Re: HQ
by WA1KBQ@aol.com
- 3) TMC-GPR90 Report
by "Guido" <laffitte@prtc.net>
- 4) Re: HQ
by Nick England <navy.radio@gmail.com>
- 5) Thanks for HQ help
by "JAMES HANLON" <knjhanlon@msn.com>
- 6) Re: TMC-GPR90 Report
by "Guido" <laffitte@prtc.net>
- 7) coil winding
by "Arden Allen" <gumbear@pacbell.net>
- 8) AN/UPM-99 Radar Test Set
by Jerry Proc <jerry7proc@yahoo.com>
- 9) Re: AN/UPM-99 Radar Test Set
by "Sandy" <ebjr37@charter.net>
- 10) Need NC 2-40-C Dial Cover
by "Joe Watson" <wwatson5@sbcglobal.net>

Message-Id: <6.2.1.2.2.20091027174149.03a75970@pop-server.nc.rr.com>
Date: Tue, 27 Oct 2009 17:42:24 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: HQ
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Dave

Would love to hear about the visit to Mars Hill. Any pictures by chance? (I know there USED to be some photos of that facility somewhere on the web).

John K5MO

At 03:03 PM 10/27/2009, David Thompson wrote:

>Gary is spot on. I asked Lloyd Hammarlund in my 1964 visit to Mars Hill
>and he also said the H did double duty as Hammarlund.

>Dave K4JRB

>

>----- Original Message ----- From: "Garey Barrell" <k4oah@mindspring.com>

>To: "Old Tube Radios" <boatanchors@theporch.com>

>Sent: Tuesday, October 27, 2009 2:40 PM

>Subject: Re: HQ

>

>

>>Perhaps a "contraction" of the earlier "Hi-Q" used for Oscar Hammarlund's
>>receiver kits sold in the 1920s??

>>

>>73, Garey - K4OAH

>>St Charles, IL

>>

>>Drake 2-B, 4B & C-Lines, TR-4/C Service Supplement CDs

>><www.k4oah.com>

>>

>>

>>

>>JAMES HANLON wrote:

>>>* *

>>>* ---REMAINDER OF MESSAGE TRUNCATED--- *

>>>* This post contains a forbidden message format *

>>>* (such as an attached file, a v-card, HTML formatting) *

>>>* Mail Lists at theporch.com only accept PLAIN TEXT *

>>>* If your postings display this message your mail program *

>>>* is not set to send PLAIN TEXT ONLY and needs adjusting *

>>>* *

>>>

>>

From: WA1KBQ@aol.com

Message-ID: <d5d.4cf84464.3818c6f7@aol.com>

Date: Tue, 27 Oct 2009 17:58:15 EDT

Subject: Re: HQ

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Found some interesting Hammarlund info on the Internet and pasted it below with credit to Retrocom. Looks like "HQ" was in keeping with company tradition of model identification which began with the earlier Hammarlund-Roberts kit receivers; HI-Q-6, HI-Q-29, Hi-Q-30 and HI-Q-31

Retrocom Presents the 'History Of Hammarlund'

THE HISTORY OF HAMMARLUND

The name Hammarlund is one of the most distinguished in the early history of radio in America. The Hammarlund Manufacturing Company ranks among the nation's very oldest producers of radio equipment. Organized in 1910, Hammarlund is one of the hand full of firms in the radio field which has continued in business without interruption down through the years. So pre-eminent were Hammarlund products in the pioneering era of radio that they attained for Hammarlund the ultimate distinction of becoming a part of the language of radio. The early radio enthusiasts, the amateur operators, affectionally referred to Hammarlund products as "Ham" products, and called themselves "Ham" operators, a nickname that is now a part of our living language. Among the long line of firsts introduced by Hammarlund were high-precision variable air capacitors, the first commercial short-wave superhetrodyne receiver, and the first selective calling equipment for two-way mobile radios.

The Hammarlund story began in 1882 when Oscar Hammarlund, the Company's founder, came to America from his native home in Stockholm. In Sweden he had been a special tool designer and inspector of electrical instruments for the L. M. Erickson Company, leading instrument manufacturers and originators of the French-type telephone. He came to this country to accept a similar position with the Elgin Watch Company, and at the time was regarded a something of a prodigy in Electrical experimentation although only 22. After four years with Elgin, he joined the Western Electric Company as superintendent of the Chicago plant.

...

The Hammarlund Manufacturing Company came into being in 1910, 28 years after Oscar Hammarlund came to America. Hammarlund himself had just turned 50. The first Hammarlund plant was a loft operation on Fulton Street in lower Manhattan, New York City. Here Mr. Hammarlund worked on the development of ideas which had been taking shape in his mind for several years. Among the products he designed here was an armagraph, a code practice machine that employed a rotating disc similar to a phonograph record.

...

Nine years later, Oscar Hammarlund and his son, Lloyd, developed the Midline variable capacitor which subsequently became the standard for the industry. The company's pioneering work in the capacitor field quickly made it the leading producer of these vital components, and today Hammarlund capacitors are functioning in radio equipment throughout the free world, and are in use in America's space program. With its experience in design and

production of capacitors and coils, Hammarlund was among the first manufacturers to

supply do-it-yourself kits to the growing numbers of hobbyists fascinated with radio and wanting to build their own sets. The first Hammarlund-Roberts radio receiver kits were placed on the market in 1925 and found almost immediate acceptance. Not only were the kits purchased by hobbyists, but they were also sold to custom radio builders who resold them as ready-to-use radio sets. The first kit produced by Hammarlund was the HI-Q-6, a model which many old-timers in radio remember well. Later models included the HI-Q-29, HI-Q-30 and HI-Q-31. By 1931 when the depression was developing and the market for kits began to diminish, Hammarlund moved aggressively into the ready-made radio field. Wisely declining to cater to a price-conscious market, Hammarlund instead concentrated on highest quality, custom units.

...

In addition to Super-Pro receivers and capacitors, Hammarlund produced radar and electronic counter-measures equipment for the armed forces. The war years saw Hammarlund devoting all of its productive capacity to the military effort. In addition to turning out some 40,000 receivers for the armed forces, Hammarlund also built special equipment such as the SX or Navy Search Radar installed on big carriers, battleships and cruisers, and "jamming" equipment for blotting out enemy radio transmissions. Shortly after the war, the market was flooded with surplus Super-Pro receivers at bargain prices. Notwithstanding competition from its own brand of receivers, Hammarlund quickly introduced the HQ-129 receiver for the radio amateur market. This was followed in 1947 by the SP-600 receiver which, remarkably even surpassed the Super-Pro in flexibility and performance. They were quickly selling at a rate of about 5000 sets per year, in spite of their high price. When two-way mobile radio was being introduced to taxicabs, railroads, power companies, pipe lines and industry in 1948, Hammarlund became the first to bring out selective calling equipment. By means of push buttons, individual cars could be alerted without disturbing others in the same fleet.

Regards, Greg Gore

In a message dated 10/27/2009 1:46:52 P.M. Atlantic Standard Time, knjhanlon@msn.com writes:
Y'all,

I'm writing an article on my HQ-120-X for ER. Does anyone know the origin of "HQ?" What does it stand for?

Thanks,

Jim Hanlon, W8KGI

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
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* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

Message-ID: <007301ca5759\$57d08670\$40000000a@CPQ10443900021>
From: "Guido" <laffitte@prtc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TMC-GPR90 Report
Date: Tue, 27 Oct 2009 19:00:52 -0400
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

Hi Gents,

Well, after a lot and I mean a lot of cleaning I went into the GPR90. The power transformer was definitely out of commission so I decided on a replacement and if everything works allright then I will go for a rewinding of the old one. In any case the replacement can be used in many other receivers. The replacement transformer was easily installed and new power supply electrolytics were put in place too. All tube sockets were cleaned and given a Deoxit bath. Tubes were replaced. One paper cap was replaced and one RF filter coil repaired. Checking and rechecking revealed no other major issues so I decided on a smoke test in Band 1. It came out alive and well and so did bands 2 to 4. On band 5 there was no signal but I discovered that L19 was out of adjustment. Bands 5 to 6 were well but needed alignment. The GPR was alive and working. More cleaning of the tuning cap section followed with lubrication of gears and the chassis was scrubbed too without removing the tube labels. Yesterday a preliminary alignment was done and everything improved a lot. A finer alignment will follow. I am now polishing the tube shields.

Some issues that I have observed:

Meter pegs to the left under no signal conditions and no adjustment affects this.

BFO injection circuit has a 56pF cap instead of the 15pF one. It also has an additional 18megohm resistor from pin 6 of the BFO tube to ground.

More will follow.

Best 73s

Guido KP4FAR

MIME-Version: 1.0

Date: Tue, 27 Oct 2009 20:04:22 -0400

Message-ID: <ed0171f40910271704v23f7ddc0qcc71d4987cc60d3c@mail.gmail.com>

Subject: Re: HQ

From: Nick England <navy.radio@gmail.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

The factory photos are at

<http://spot-data.lib.unca.edu/cdm4/results.php?CIS00P1=3Dall&CIS0BOX1=3Dham=marlund&CIS0FIELD1=3DCISOSEARCHALL&CIS00P2=3Dexact&CIS0BOX2=3D&CIS0FIELD2=3DCISOSEARCHALL&CIS00P3=3Dany&CIS0BOX3=3D&CIS0FIELD3=3DCISOSEARCHALL&CIS00P4=3Dnone&CIS0BOX4=3D&CIS0FIELD4=3DCISOSEARCHALL&CIS0ROOT=3D/Photographs,/m=aster&t=3Da>

Ooh - that's a long one - try this instead

<http://spot-data.lib.unca.edu/cdm4/search.php?CIS0ROOT=3D/Photographs>

and enter hammarlund as the search term

cheers,

Nick K4NYW

www.navy-radio.com

On Tue, Oct 27, 2009 at 5:42 PM, john <johnmb@nc.rr.com> wrote:

>

> Hi Dave

>

> Would love to hear about the visit to Mars Hill. Any pictures by chance? =

(I

> know there USED to be some photos of that facility somewhere on the web).

>

> John K5MO

>

>

> At 03:03 PM 10/27/2009, David =A0Thompson wrote:

>>

>> Gary is spot on. =A0I asked Lloyd Hammarlund in my 1964 visit to Mars Hi=

ll

>> and he also said the H did double duty as Hammarlund.

>> Dave K4JRB

>>
>> ----- Original Message ----- From: "Garey Barrell" <k4oah@mindspring.com=
>
>> To: "Old Tube Radios" <boatanchors@theporch.com>
>> Sent: Tuesday, October 27, 2009 2:40 PM
>> Subject: Re: HQ
>>
>>
>>> Perhaps a "contraction" of the earlier "Hi-Q" used for Oscar Hammarlund=
's
>>> receiver kits sold in the 1920s??
>>>
>>> 73, Garey - K4OAH
>>> St Charles, IL
>>>
>>> Drake 2-B, 4B & C-Lines, TR-4/C Service Supplement CDs
>>> <www.k4oah.com>
>>>
>>>
>>>
>>> JAMES HANLON wrote:
>>>>
>>>> * * * * *
>>>> * =A0 =A0 =A0 =A0 ---REMAINDER OF MESSAGE TRUNCATED--- =A0 =A0 =A0 =A0=
=A0 =A0*
>>>> * =A0 =A0 This post contains a forbidden message format =A0 =A0 =A0 *
>>>> * =A0(such as an attached file, a v-card, HTML formatting) =A0*
>>>> * =A0 =A0Mail Lists at theporch.com only accept PLAIN TEXT =A0 =A0*
>>>> * If your postings display this message your mail program *
>>>> * is not set to send PLAIN TEXT ONLY and needs adjusting =A0*
>>>> * * * * *
>>>>
>>>
>
>

Message-ID: <SNT106-DS20DBD5F2EFBD6FCDF18131A0B80@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Thanks for HQ help
Date: Tue, 27 Oct 2009 20:40:47 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_408A_01CA5745.C36163A0"

This is a multi-part message in MIME format.

-----=_NextPart_000_408A_01CA5745.C36163A0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Thanks to everyone who helped with the "HQ" question, especially to =
Garey, K4OAH, Dave, K4JRB, and Greg, WA1KBQ, all of whom report on good =
authority that it is a contraction of "Hi-Q" used for early =
Hammarlund-Roberts kit radios sold in the 20's.=20

Jim, W8KGI
-----=_NextPart_000_408A_01CA5745.C36163A0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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* * * * *
```

-----=_NextPart_000_408A_01CA5745.C36163A0--

Message-ID: <00a301ca5779\$d865f3e0\$4000000a@CPQ10443900021>
From: "Guido" <laffitte@prtc.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: TMC-GPR90 Report
Date: Tue, 27 Oct 2009 22:53:35 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

The BFO original cap was still there. It had been cut and left hanging on
one lead while the 56pF cap was badly soldered in its place. The signal is
definitely lower now but more manageable. The tendency of the meter to peg
to the left with no signal is gone after further cleaning of associated tube
socket contacts. Now I can adjust the meter correctly. Further alignment
will be done tomorrow. Audio is great with that solitary 6V6.

Guido Santacana KP4FAR

San Juan, PR, USA

----- Original Message -----

From: "Singley, Rodger" <rbsingl@ilstu.edu>

To: <laffitte@prtc.net>

Sent: Tuesday, October 27, 2009 7:03 PM

Subject: RE: TMC-GPR90 Report

Guido,

Sounds good so far. The change in BFO caps was to increase the rather weak injection but it does tend to increase the tendency for BFO pulling on strong signals. You will probably want to use an external adapter for CW/SSB usage. The GSB-1 would be great but they are incredibly high priced. I use a Hammarlund HC-10 but the CE "sideband slicers" will also work well.

Rodger WQ9E

-----Original Message-----

From: owner-boatanchors@theporch.com on behalf of Guido

Sent: Tue 10/27/2009 6:00 PM

To: Old Tube Radios

Subject: TMC-GPR90 Report

Hi Gents,

Well, after a lot and I mean a lot of cleaning I went into the GPR90. The power transformer was definitely out of commission so I decided on a replacement and if everything works allright then I will go for a rewinding of the old one. In any case the replacement can be used in many other receivers. The replacement transformer was easily installed and new power supply electrolytics were put in place too. All tube sockets were cleaned and given a Deoxit bath. Tubes were replaced. One paper cap was replaced and one RF filter coil repaired. Checking and rechecking revealed no other major issues so I decided on a smoke test in Band 1. It came out alive and well and so did bands 2 to 4. On band 5 there was no signal but I discovered that L19 was out of adjustment. Bands 5 to 6 were well but needed alignment. The GPR was alive and working. More cleaning of the tuning cap section followed with lubrication of gears and the chassis was scrubbed too without removing the tube labels. Yesterday a preliminary alignment was done and everything improved a lot. A finer alignment will follow. I am now polishing the tube shields.

Some issues that I have observed:

Meter pegs to the left under no signal conditions and no adjustment affects

this.

BF0 injection circuit has a 56pF cap instead of the 15pF one. It also has an additional 18megohm resistor from pin 6 of the BF0 tube to ground.

More will follow.

Best 73s

Guido KP4FAR

Message-ID: <001e01ca580b\$e52b1190\$b69f480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: coil winding
Date: Wed, 28 Oct 2009 13:18:59 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It's been a subject here before, how to do universal coil windings. These days we have to make our own coils when nothing is available from salvage. Particularly IF and low HF frequency coils. How does one go about building a simple winding jig for onezie coil winding that will produce a proper universal winding?

Arden Allen
KB6NAX

Adopt a shelter dog,
save an innocent life,
and make a friend forever =:-)

Message-ID: <132242.14512.qm@web112306.mail.gq1.yahoo.com>
Date: Wed, 28 Oct 2009 19:32:55 -0700 (PDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: AN/UPM-99 Radar Test Set
To: Old Tube Radios <boatanchors@theporch.com>
Cc: mikegifford@webtv.net
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello Everyone,

Mike Gifford, K7Ezt, is offering a free AN/UPM-99 radar test to anyone who can make a good home for it. If I remember correctly, the unit weighs approximately 200 pounds and is currently located in Texas. For any further details, contact Mike directly at: mikegifford@webtv.net . He is not a list subscriber.

--

Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your favourite sites. Download it now
<http://ca.toolbar.yahoo.com>.

Message-ID: <C760C7843E254766B94006C3D4C44714@gateway>
From: "Sandy" <ebjr37@charter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <mikegifford@webtv.net>
Subject: Re: AN/UPM-99 Radar Test Set
Date: Thu, 29 Oct 2009 09:46:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

The UPM-99 is a pretty comprehensive test set for "IFF" radar transponders. I used one for years while working for Louisiana Air National Guard as permanent party back in the 60's. Was working on the old RT-279/APX and KY-95/APX-25 system on F-86D/L aircraft and later F-102A aircraft.

73,

Sandy W5TVW
----- Original Message -----
From: "Jerry Proc" <jerry7proc@yahoo.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <mikegifford@webtv.net>
Sent: Wednesday, October 28, 2009 9:32 PM
Subject: AN/UPM-99 Radar Test Set

> Hello Everyone,
>
> Mike Gifford, K7EZT, is offering a free AN/UPM-99 radar test to anyone who
> can make a good home for it. If I remember correctly, the unit weighs
> approximately 200 pounds and is currently located in Texas. For any
> further details, contact Mike directly at: mikegifford@webtv.net . He is
> not a list subscriber.
>
>
> --
> Regards,
> Jerry Proc
> E-mail: jerry7proc@yahoo.com
>
>
>

> Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your
> favourite sites. Download it now
> <http://ca.toolbar.yahoo.com>.
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.423 / Virus Database: 270.14.38/2467 - Release Date: 10/29/09
07:38:00

Message-ID: <212B67435D2A44FE9DA68F556037CF59@JoePC>
From: "Joe Watson" <wwatson5@sbcglobal.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need NC 2-40-C Dial Cover
Date: Sat, 31 Oct 2009 23:07:09 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0005_01CA5A7E.DFAC7180"

This is a multi-part message in MIME format.

-----_NextPart_000_0005_01CA5A7E.DFAC7180
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I am looking for a replacement dial cover for the NC 2-40-C. Anybody =
have one they would sell?

Joe

W5WBR

-----=_NextPart_000_0005_01CA5A7E.DFAC7180

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
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End of BOATANCHORS Digest 4294
